



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph A. Zupanick

Art Unit : 3672

Serial No. : 10/004,316

Examiner : Daniel P. Stephenson

Filed : October 30, 2001

Title : SLANT ENTRY WELL SYSTEM AND METHOD

**Mail Stop RCE**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

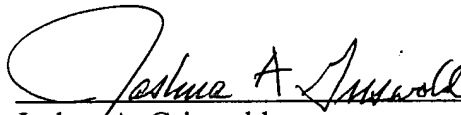
INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed. A copy of a communication from a foreign patent office in a related application is also enclosed.

This filing is being made with the filing of a Request for Continued Examination. No fee is believed due. However, please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 9/9/04

  
Joshua A. Griswold  
Reg. No. 46,310

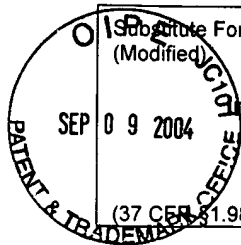
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September 9, 2004  
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 Substitute Form PTO-1449  
 (Modified)

 U.S. Department of Commerce  
 Patent and Trademark Office

 Attorney's Docket No.  
 17601-020001

 Application No.  
 10/004,316

**Information Disclosure Statement  
 by Applicant**

(Use several sheets if necessary)

(37 CFR 1.98(b))

 Applicant  
 Joseph A. Zupanick

 Filing Date  
 October 30, 2001

 Group Art Unit  
 3672

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	2,797,893	07/02/1957	McCune et al.			
	A2	3,582,138	06/01/1971	Loofbourow et al.			
	A3	3,587,743	06/28/1971	Howard			
	A4	4,151,880	05/01/1979	Vann			
	A5	4,222,611	09/16/1980	Larson et al.			
	A6	4,415,205	11/15/1983	Rehm et al.			
	A7	4,502,733	03/05/1985	Grubb			
	A8	4,533,182	08/06/1985	Richards			
	A9	4,651,836	03/24/1987	Richards			
	A10	4,753,485	06/28/1988	Goodhart			
	A11	4,776,638	10/11/1988	Hahn			
	A12	5,148,877	09/22/1992	MacGregor			
	A13	5,287,926	02/22/1994	Gruppig			
	A14	5,355,967	10/18/1994	Mueller et al.			
	A15	5,697,445	12/16/1997	Graham			
	A16	5,775,443	07/07/1998	Lott			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1	WO 94/28280	12/08/1994	WIPO			N/A	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	C1	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (7 pages) re International Application No. PCT/US 03/04771 mailed July 4, 2003
	C2	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (5 pages) re International Application No. PCT/US 03/21891 mailed November 13, 2003

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified) SEP 09 2004 (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 17601-020001	Application No. 10/004,316
	<b>Information Disclosure Statement          by Applicant</b> (Use several sheets if necessary)			
	Applicant Joseph A. Zupanick		Filing Date October 30, 2001	Group Art Unit 3672

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	C3	Desai, Praful, et al., "Innovative Design Allows Construction of Level 3 or Level 4 Junction Using the Same Platform," SPE/Petroleum Society of CIM/CHOA 78965, Canadian Heavy Oil Association, 2002, pp. 1-11
	C4	Bybee, Karen, "Advanced Openhole Multilaterals," Horizontal Wells, November 2002, pp. 41-42
	C5	Bybee, Karen, "A New Generation Multilateral System for the Troll Olje Field," Multilateral/Extended Reach, July 2002, 2 pages
	C6	Emerson, A.B., et al., "Moving Toward Simpler, Highly Functional Multilateral Completions," Technical Note, Journal of Canadian Petroleum Technology, May 2002, Volume 41, No. 5, pp. 9-12
	C7	Moritis, Guntis, "Complex Well Geometries Boost Orinoco Heavy Oil Producing Rates," XP-000969491, Oil & Gas Journal, February 28, 2000, pp. 42-46
	C8	Themig, Dan, "Multilateral Thinking," New Technology Magazine, December 1999, pp. 24-25
	C9	Smith, R.C., et al., "The Lateral Tie-Back System: The Ability to Drill and Case Multiple Laterals," IADC/SPE 27436, Society of Petroleum Engineers, 1994, pp. 55-64, plus Multilateral Services Profile (1 page) and Multilateral Services Specifications (1 page)
	C10	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (4 pages) re International Application No. PCT/US 03/13954 mailed September 1, 2003
	C11	Logan, Terry L., "Drilling Techniques for Coalbed Methane," Hydrocarbons From Coal, Chapter 12, Copyright 1993, Title Page, Copyright Page, pp. 269-285
	C12	Hanes, John, "Outbursts in Leichhardt Colliery: Lessons Learned," International Symposium-Cum-Workshop on Management and Control of High Gas Emissions and Outbursts in Underground Coal Mines," Wollongong, NSW, Australia, March 20-24, 1995, Title page, pp. 445-449
	C13	Williams, Ray, et al., "Gas Reservoir Properties for Mine Gas Emission Assessment," Bowen Basin Symposium 2000, pp. 325-333
	C14	Brown, K., et al., "New South Wales Coal Seam Methane Potential," Petroleum Bulletin 2, Department of Mineral Resources, Discovery 2000, March 1996, pp. i-viii, 1-96
	C15	Fipke, S., et al., "Economical Multilateral Well Technology for Canadian Heavy Oil," Petroleum Society, Canadian Institute of Mining, Metallurgy & Petroleum, Paper 2002-100, to be presented in Calgary Alberta, June 11-13, 2002, pages 1-11
	C16	PowerPoint Presentation entitled, "Horizontal Coalbed Methane Wells," by Bob Stayton, Computalog Drilling Services, date is believed to have been in 2002

Examiner Signature	Date Considered
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Filed : October 30, 2001

Title : SLANT ENTRY WELL SYSTEM AND METHOD

Commissioner for Patents

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Alexandria, VA 22313-1450

REQUEST FOR INITIALED PTO FORM 1449

Upon reviewing the file, Applicant has noted that an initialed copy of the enclosed PTO Form 1449 that accompanied an information disclosure statement filed July 14, 2004 has not been received.

Accordingly, Applicant is providing a copy of the Information Disclosure Statement and PTO Form 1449 filed July 14, 2004, and respectfully requests return of the initialed PTO Form 1449 as soon as possible. A date-stamped return postcard indicating that the U.S. Patent and Trademark Office originally received the Information Disclosure Statement on July 14, 2004 accompanies the Information Disclosure Statement.

Respectfully submitted,

Date: 9/9/04

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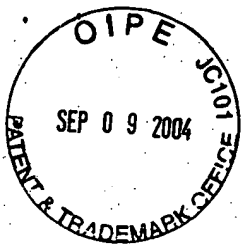
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INFORMATION DISCLOSURE STATEMENT

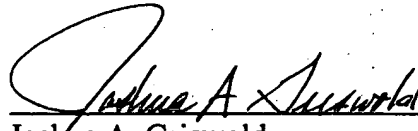
Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed within three months of a Request for Continued Examination filed June 28, 2004 and before the receipt of a first Office action on the merits.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 7/14/04

  
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Sheet 1 of 1

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-020001	Application No. 10/004,316
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Joseph A. Zupanick	
(37 CFR §1.98(b))		Filing Date October 30, 2001	Group Art Unit 3672

## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	4,020,901	05/03/1977	Pisio et al.			
	A2	4,182,423	01/08/1980	Ziebarth et al.			
	A3	4,226,475	10/07/1980	Frosch et al.			
	A4	4,422,505	12/27/1983	Collins			
	A5	4,463,988	08/07/1984	Bouck et al.			
	A6	4,603,592	08/05/1986	Siebold et al.			
	A7	4,832,122	05/23/1989	Corey et al.			
	A8	5,127,457	07/07/1992	Stewart et al.			
	A9	5,431,482	07/11/1995	Russo			
	A10	6,019,173	02/01/2000	Saurer et al.			
	A11	6,030,048	02/29/2000	Hsu			
	A12	6,062,306	05/16/2000	Gano et al.			
	A13	6,065,551	05/23/2000	Gourley et al.			
	A14	6,119,776	09/19/2000	Graham et al.			
	A15	6,189,616	02/20/2001	Gano et al.			
	A16	6,244,340	06/12/2001	McGlothen et al.			
	A17	6,279,658	08/28/2001	Donovan et al.			
	A18	2004/0011560 A1	01/22/2004	Rial et al.			

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1							


## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	C1	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Attorney's Docket No. 17601-020001	Express Mail Label No. EV433631544US	Mailing Date July 14, 2004	<b>For PTO Use Only</b> <i>Do Not Mark in This Area</i>
Application No. 10/004,316	Filing Date October 30, 2001	Attorney/Secretary Init TJS/JYG/plb	
Title of the Invention SLANT ENTRY WELL SYSTEM AND METHOD			
Applicant Joseph A. Zupanick			
Client Reference No. 067083.0162			
Enclosures · Transmittal Letter (1 page) · Amendment (6 pages) · Information Disclosure Statement (1 page) · Form PTO-1449 (1 page) · Documents listed on the Form PTO-1449 (18 U.S. patent/ publication references) · Other: Acknowledgement Postcard 			



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